

**Village Creek Water Reclamation Facility**



**Legal and Other Requirements – EMS Element 4.0**

<b>EMS Procedure 4.0</b>	<b>Revision 09</b>	<b>Approval Signature:</b>	<b>Effective Date:</b>
			<b>Oct. 06, 2014</b>

**Purpose:** The purpose of this procedure is to summarize the process used by the City of Fort Worth Water Department and Village Creek Water Reclamation Facility (VCWRF) to track and comment on legislation and proposed rulemaking at the federal, state, and local level as well as permitting that would impose requirements on its biosolids land application operations. The procedure also describes the process used by VCWRF to track state-of-the-art biosolids management technology and best practice applications.

**Scope:** This procedure applies to all the organization's biosolids management activities at all critical control points throughout the biosolids value chain, including the pretreatment program, Water Reclamation Facility liquid and solids operations, biosolids beneficial reuse and the future marketing and sale of biosolids for beneficial reuse. These locations in the Biosolids Value Chain have been cross referenced with the appropriate regulations in the attached table.

**Definitions:** **CFR** – Code of Federal Regulations

**EPA** – Environmental Protection Agency

**Legal Requirements** – The environmental federal, state, and local laws and regulations that are applicable to an organization's biosolids management program activities. A list of these regulations is shown in the attached table of Regulations Applicable to the VCWRF Biosolids Value Chain.

**Operational Control Procedure** – A set of standard work instructions and practices for employees describing the "how to" steps in managing the critical control points of a specific biosolids management activity.

**Other Management Controls** – Other management methods such as contract agreements, contractor oversight procedures and pretreatment ordinances, permit programs, inspection and monitoring programs used to ensure that biosolids meet or exceed the specifications in the legal and other requirements.

**Other Requirements** – Other binding biosolids management practices and environmental requirements to which an organization voluntarily subscribes as part of its environmental management system. Examples include binding agreements with customers, suppliers, and public organizations and commitments to go "beyond compliance" performance. A list of these requirements is shown in the attached table of Regulations Applicable to the VCWRF Biosolids Value Chain.

**TAC**- Texas Administrative Code

**TCEQ** – Texas Commission on Environmental Quality

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**Responsibility:** **Water Director** is responsible for making department policy decisions and submitting official testimony on proposed legislation and rulemaking on behalf of VCWRF and for providing the resources necessary to implement new requirements.

**Assistant Director (Pollution Control)** is responsible for acquiring the necessary staff, capital and operating resources needed to implement new legal /regulatory requirements and technology upgrades.

**Environmental/Regulatory (E/R) Coordinator** is responsible for tracking and coordinating comments on changes in federal, state, and local water, wastewater and biosolids legal and regulatory requirements.

**Biosolids EMS Manager** is responsible for tracking and coordinating comments on changes in federal, state, and local biosolid legal and regulatory requirements.

**Assistant Water Systems Superintendent** is responsible for implementing changes to operational controls and monitoring procedures and for assuring that employees are fully trained to implement the new requirements.

See Roles and Responsibilities - EMS Element 7.0, for a full description of the roles and responsibilities of the personnel associated with the City of Fort Worth Biosolids Value Chain.

**Procedure:** The Environmental/Regulatory (E/R) Coordinator and the Biosolids EMS Manager are responsible for tracking all federal, state, and local legal and regulatory requirements that are applicable to biosolids in general, beneficial reuse of biosolids processes and practices, such as land application, etc.

Tracking mechanisms for Legal and other requirements include Federal Register, NBP Bulletins, Water Environment Federation, National Association of Clean Water Agencies, Water Environment Association of Texas, bulletins (i.e. WEF - Biosolids Technical Bulletin) and websites. Village Creek also receives direct communications from EPA, TCEQ, and other state environmental agencies.

The Environmental/Regulatory Coordinator is the VCWRF contact point with the TCEQ. The Coordinator receives and transmits all correspondence between VCWRF and the TCEQ concerning the plant's Texas Pollutant Discharge Elimination System (TPDES) Permit. When the TCEQ initiates changes such as pollutant levels, etc. in the permit, TCEQ transmits the proposed changes to the Environmental/Regulatory Coordinator. The E/R Coordinator reviews the changes and sends copies of the changes to the affected department heads and directors. The E/R Coordinator, department heads, and directors discuss the changes and make any necessary comments. The E/R Coordinator then transmits these comments to the City Legal Department for review. Once the Legal Department approves the comments the E/R Coordinator returns the comments to TCEQ.

When the permit changes initiate within VCWRF, the E/R Coordinator, the department head and staff draft the desired changes, such as process upgrades in plant to increase capacity, alternative biosolids uses, etc. The E/R Coordinator then submits

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the changes to the Legal Department for review. Following Legal Department approval the E/R Coordinator transmits the changes to the TCEQ for consideration. Any TCEQ comments are addressed as discussed in the previous paragraph.

The City of Fort Worth participates proactively in Texas legislative and rulemaking activities through a lobby group and tracks similar developments in other states to stay abreast of current state and local biosolids activities.

The entire EMS Management Team tracks wastewater solids/biosolids stabilization and conditioning to stay abreast of state-of-the-art technology and biosolids best management practices. This information factors into the Capital Improvement Project prioritization and other improvements in biosolids management practices.

Information on new biosolids legal requirements, technology improvements, and resource productivity improvements are circulated to the EMS Management Team through memoranda, staff meeting discussions and presentations. This information is used to commission studies and reach decisions on capital investments, based on new legal requirements, biosolids process and product quality improvements, market value and public acceptance criteria. Decision-making for resource commitments is part of annual budgeting and capital planning coordinated by the Assistant Water Director, Wastewater Treatment Division.

The Industrial Pretreatment manager also tracks categorical pretreatment requirements and coordinates with the Water and Assistant Water Directors to review pretreatment requirements and permits for new industrial/commercial businesses in Fort Worth and surrounding customer cities.

#### **Revisions and Updates**

In order to ensure that the newest legal and other requirements are appropriately communicated and implemented, the *Regulations Applicable to the VCWRF Biosolids Value Chain* table located at the end of this element will be reviewed and updated (if necessary) annually by August 1st. This information is reflected in the EMS planning schedule located at the back of the EMS manual.

#### **Class AB Biosolids**

On September 10th, 2014 the Texas Commission on Environmental Quality (TCEQ) amended the existing biosolids regulations as defined in 30 TAC Chapter 312. The revised regulations included a new designation for biosolids (Class AB) as well as requirements for odor control plans and the posting of signage at land application sites. The new provisions became effective on October 2, 2014 at which time the Fort Worth land application activities assumed the new “Class AB” classification.

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**References:** EMS Framework Guidance Manual: <http://www.wef.org/Biosolids/>

Code of Federal Regulations: <http://www.gpoaccess.gov/cfr/>

Texas Administrative Code: <http://www.sos.state.tx.us/tac/>

TPDES Permit WQ0010494013: City of Fort Worth

*Element 3.0 Critical Control Points*

*Element 7.0 Roles and Responsibilities*

*Element 9.0 Communication*

*Element 12.0 EMS Documentation, Document Control and Recordkeeping*

<b>Revision #</b>	<b>Date</b>	<b>Revision Description</b>
09	10/06/2014	Included information regarding new classification (Class AB)
08	07/30/2014	Updated Element 4.0 table
07	08/05/2013	Updated references, included time frame for Element 4.0 table update/review, updated Element 4.0 table
06	07/29/2011	Update regulations and links in attached table
05	11/16/2010	Update responsibilities and references. Update links in attached table
04	05/15/2008	Audit (YR2) 2007
03	06/29/2007	Audit (YR1) 2006
02	11/29/2004	2004 Issue
01.a	10/18/2004	Internal Audit Revisions
01	10/01/2004	Draft Issue
SR	01/30/2004	Issued for Status Review

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**Regulations Applicable to the VCWRF Biosolids Value Chain– EMS Element 4.0**

<b>Regulation</b>	<b>Description</b>	<b>Location</b>	<b>Governing Agency</b>	<b>Area(s) of Influence within Biosolids Value Chain</b>
<b>Federal Regulations</b>				
Code of Federal Regulations (CFR) Title 40 Chapter 1 Part 503	Standards for Use or Disposal of Sewage Sludge	<a href="http://www.ecfr.gov/cgi-bin/text-idx?SID=1d469f0d403e8c773f8e3122ae6bd75d&amp;node=40:30.0.1.2.42&amp;rgn=div5#40:30.0.1.2.42.2">http://www.ecfr.gov/cgi-bin/text-idx?SID=1d469f0d403e8c773f8e3122ae6bd75d&amp;node=40:30.0.1.2.42&amp;rgn=div5#40:30.0.1.2.42.2</a>	EPA	Biosolids Use and Disposal Alternatives - Agricultural Land Application
CFR Title 40 Chapter 1 Subchpater N Parts 403 - 471	General Pretreatment Regulations for Existing and New Sources of Pollution	<a href="http://www.gpo.gov/fdsys/search/pkgdetails.action?collectionCode=CFR&amp;searchPath=Title+40%2FChapter+I%2FSubchapter+N&amp;granuleId=&amp;packageId=CFR-2003-title40-vol1&amp;oldPath=Title+40%2FChapter+I&amp;fromPageDetails=true&amp;collaps=true&amp;ycord=283">http://www.gpo.gov/fdsys/search/pkgdetails.action?collectionCode=CFR&amp;searchPath=Title+40%2FChapter+I%2FSubchapter+N&amp;granuleId=&amp;packageId=CFR-2003-title40-vol1&amp;oldPath=Title+40%2FChapter+I&amp;fromPageDetails=true&amp;collaps=true&amp;ycord=283</a>	EPA	Pretreatment and Collection
CFR Title 40 Chapter 1 Parts 403.1-403.20	Pretreatment Streamlining Rule	<a href="http://www.gpo.gov/fdsys/pkg/FR-2005-10-14/pdf/05-20001.pdf">http://www.gpo.gov/fdsys/pkg/FR-2005-10-14/pdf/05-20001.pdf</a>	EPA	Pretreatment and Collection
CFR Title 40 Chapter 1 Parts 122.1-122.64	EPA Administered Permit Programs: The National Pollutant Discharge Elimination System	<a href="http://www.gpo.gov/fdsys/pkg/CFR-2002-title40-vol18/pdf/CFR-2002-title40-vol18-part122.pdf">http://www.gpo.gov/fdsys/pkg/CFR-2002-title40-vol18/pdf/CFR-2002-title40-vol18-part122.pdf</a>	EPA	<ul style="list-style-type: none"> <li>• Pretreatment and Collection</li> <li>• Wastewater Treatment &amp; Solids Generation</li> <li>• Solids Stabilization, Conditioning, &amp; Handling</li> <li>• Biosolids Use and Disposal Alternatives - Agricultural Land Application</li> </ul>
CFR Title 40 Chapter 1 Parts 261.1-261.38	Identification and Listing of Hazardous Waste	<a href="http://www.gpo.gov/fdsys/pkg/CFR-1999-title40-vol18/pdf/CFR-1999-title40-vol18-part261.pdf">http://www.gpo.gov/fdsys/pkg/CFR-1999-title40-vol18/pdf/CFR-1999-title40-vol18-part261.pdf</a>	EPA	<ul style="list-style-type: none"> <li>• Pretreatment and Collection</li> <li>• Solids Generation, &amp; Handling</li> <li>• Biosolids Use and Disposal Alternatives</li> </ul>

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### Regulations Applicable to the VCWRF Biosolids Value Chain– EMS Element 4.0

<b>Regulation</b>	<b>Description</b>	<b>Location</b>	<b>Governing Agency</b>	<b>Area(s) of Influence within Biosolids Value Chain</b>
CFR Title 40 Chapter 1 Subchapter I-Solid Wastes: Parts 268.1-268.50	Land Disposal Restrictions	<a href="http://ecfr.gpoaccess.gov/cgi/t/text{text-idx?c=ecfr&amp;tpl=/ecfrbrowse/Title4/40crf268_main_02.tpl}">http://ecfr.gpoaccess.gov/cgi/t/text{text-idx?c=ecfr&amp;tpl=/ecfrbrowse/Title4/40crf268_main_02.tpl}</a>	EPA	Biosolids Use and Disposal Alternatives - Agricultural Land Application
Clean Water Act Section 402	National Pollutant Discharge Elimination System	<a href="http://www.epa.gov/owow/wetlands/laws/section402.html">http://www.epa.gov/owow/wetlands/laws/section402.html</a>	EPA	<ul style="list-style-type: none"> <li>• Pretreatment and Collection</li> <li>• Wastewater Treatment &amp; Solids Generation</li> <li>• Solids Stabilization, Conditioning, &amp; Handling</li> <li>• Biosolids Use and Disposal Alternatives - Agricultural Land Application</li> </ul>
Federal Motor Carrier Safety Regulations CFR Title 49 Parts 392.1-392.82	Driving of Motor Vehicles	<a href="http://www.fmcsa.dot.gov/regulations/title49/part/392">http://www.fmcsa.dot.gov/regulations/title49/part/392</a>	U.S. Department of Transportation	Biosolids Use and Disposal Alternatives - Agricultural Land Application
CFR Title 40 Part 60 Subpart Dc	Standards of Performance for Small Industrial-Commercial- Institutional Steam Generating Units	<a href="http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr;sid=032e902341db8873af7fe153511e9f67:rgn=div6:view=text:node=40%3A7.0.1.1.1.12:idno=40:cc=ecfr">http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr;sid=032e902341db8873af7fe153511e9f67:rgn=div6:view=text:node=40%3A7.0.1.1.1.12:idno=40:cc=ecfr</a>	EPA	Wastewater Treatment & Solids Generation
CFR Title 40 Part 60 Subpart GG	Standards of Performance for Stationary Gas Turbines	<a href="http://www.ecfr.gov/cgi-bin/text-idx?SID=9bdb200ff01f21b7d7b41c733c01470d&amp;node=40:7.0.1.1.1.51&amp;rgn=div6">http://www.ecfr.gov/cgi-bin/text-idx?SID=9bdb200ff01f21b7d7b41c733c01470d&amp;node=40:7.0.1.1.1.51&amp;rgn=div6</a>	EPA	Wastewater Treatment & Solids Generation
<b><i>State Regulations</i></b>				
Texas Administrative Code (TAC) Title 30 Chapter 312 Subchapter A	General Provisions – Notifications, sampling & analysis, fees and permits	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=312&amp;sch=A&amp;rl=Y">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=312&amp;sch=A&amp;rl=Y</a>	TCEQ	Biosolids permitting and implementation

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<b>Regulation</b>	<b>Description</b>	<b>Location</b>	<b>Governing Agency</b>	<b>Area(s) of Influence within Biosolids Value Chain</b>
TAC Title 30 Chapter 312 Subchapter B	Land Application for beneficial use and storage at beneficial use sites	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=312&amp;sch=B&amp;rl=Y">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=312&amp;sch=B&amp;rl=Y</a>	TCEQ	Biosolids Use and Disposal Alternatives – Agricultural Land Application
TAC Title 30 Chapter 312 Subchapter B, Rule 312.50	Storage and Staging of Sludge at Beneficial Use Sites	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.TacPage?sl=R&amp;app=9&amp;p_dir=&amp;p_rloc=&amp;p_tloc=&amp;p_ploc=&amp;pg=1&amp;p_tac=&amp;ti=30&amp;pt=1&amp;ch=312&amp;rl=50">http://info.sos.state.tx.us/pls/pub/readtac\$ext.TacPage?sl=R&amp;app=9&amp;p_dir=&amp;p_rloc=&amp;p_tloc=&amp;p_ploc=&amp;pg=1&amp;p_tac=&amp;ti=30&amp;pt=1&amp;ch=312&amp;rl=50</a>	TCEQ	Biosolids Use and Disposal Alternatives – Agricultural Land Application
TAC Title 30 Chapter 312 Subchapter C	Surface Disposal	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=312&amp;sch=C&amp;rl=Y">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=312&amp;sch=C&amp;rl=Y</a>	TCEQ	Surface Disposal Requirements
TAC Title 30 Chapter 312 Subchapter D	Pathogen and Vector Attraction Reduction	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=312&amp;sch=D&amp;rl=Y">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=312&amp;sch=D&amp;rl=Y</a>	TCEQ	Biosolids Production, Stabilization, and Conditioning
TAC Title 30 Chapter 312 Subchapter G	Transporters and temporary storage provisions	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=312&amp;sch=G&amp;rl=Y">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=312&amp;sch=G&amp;rl=Y</a>	TCEQ	Biosolids Use and Transportation
TAC Title 30 Subchapter J	Wastewater Operators and Operations Companies	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=30&amp;sch=J&amp;rl=Y">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=30&amp;sch=J&amp;rl=Y</a>	TCEQ	Wastewater Treatment & Solids Generation
TAC Title 30 Chapter 305 Subchapters A-F, O, P	Consolidated Permits	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=305">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=305</a>	TCEQ	<ul style="list-style-type: none"> <li>• Pretreatment and Collection</li> <li>• Wastewater Treatment &amp; Solids Generation</li> <li>• Solids Stabilization, Conditioning, &amp; Handling</li> <li>• Biosolids Use and Disposal Alternatives – Agricultural Land Application</li> </ul>

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**FORT WORTH**

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<b>Regulation</b>	<b>Description</b>	<b>Location</b>	<b>Governing Agency</b>	<b>Area(s) of Influence within Biosolids Value Chain</b>
TAC Title 30 Chapter 307.1-307.10	Texas Surface Water Quality Standards	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=307&amp;rl=Y">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=307&amp;rl=Y</a>	TCEQ	Wastewater Treatment & Solids Generation
TAC Title 30 Chapter 315 Subchapter A	Pretreatment Regulations for Existing and New Sources of Pollution	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=315">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=315</a>	TCEQ	Pretreatment and Collection
TAC Title 30 Chapter 319 Subchapters A-C	General Regulations Incorporated into Permits – Monitoring and Accidental Spill Requirements	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=319">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=319</a>	TCEQ	Wastewater Treatment & Solids Generation
Texas Health and Safety Code Chapter 361	Solid Waste Disposal Act	<a href="http://www.statutes.legis.state.tx.us/docs/HS/htm/HS.361.htm">http://www.statutes.legis.state.tx.us/docs/HS/htm/HS.361.htm</a>	TCEQ	Biosolids Use and Disposal Alternatives - Agricultural Land Application
Texas Pollution Discharge Elimination System Program (TPDES) Permit WQ0010494013	Permit to dispose of wastes from the Village Creek Wastewater Treatment Plant	VCWRF Water Regulatory Office	TCEQ	<ul style="list-style-type: none"> <li>• Pretreatment and Collection</li> <li>• Wastewater Treatment &amp; Solids Generation</li> <li>• Solids Stabilization, Conditioning, &amp; Handling</li> <li>• Biosolids Use and Disposal Alternatives -</li> <li>• Agricultural Land Application</li> </ul>
Texas Transportation Code Title 7	Vehicles and Traffic	<a href="http://law.justia.com/texas/codes/2005/tn.html">http://law.justia.com/texas/codes/2005/tn.html</a>	Texas Department of Public Safety	Biosolids Use and Disposal Alternatives - Transportation & Agricultural Land Application
TAC Title 30 Chapter 101	General Air Quality Rules	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=101">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=101</a>	TCEQ	Wastewater Treatment & Solids Generation

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**Regulations Applicable to the VCWRF Biosolids Value Chain– EMS Element 4.0**

<b>Regulation</b>	<b>Description</b>	<b>Location</b>	<b>Governing Agency</b>	<b>Area(s) of Influence within Biosolids Value Chain</b>
TAC Title 30 Chapter 115	Control of Air Pollution from Volatile Organic Compounds	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=115">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=115</a>	TCEQ	Wastewater Treatment & Solids Generation
TAC Title 30 Chapter 116	Control of Air Pollution by Permits for New Construction or Modification	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=116">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=116</a>	TCEQ	Wastewater Treatment & Solids Generation
TAC Title 30 Chapter 117	Control of Air Pollution from Nitrogen Compounds	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=117">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=117</a>	TCEQ	Wastewater Treatment & Solids Generation
TAC Title 30 Chapter 106 Subchapters C,G,I, K, R, T, U, W, X	Permits by Rule	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=106">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=106</a>	TCEQ	Wastewater Treatment & Solids Generation
TAC Title 30 Chapter 111	Control of Air Pollution from Visible Emissions and Particulate Matter	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=111&amp;sch=B&amp;rl=Y">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=5&amp;ti=30&amp;pt=1&amp;ch=111&amp;sch=B&amp;rl=Y</a>	TCEQ	Wastewater Treatment & Solids Generation
TAC Title 30 Chapter 122	Federal Operating Permits Program	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=122">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=122</a>	TCEQ	Wastewater Treatment & Solids Generation
Texas Health and Safety Code (THSC) Chapter 382	Texas Clean Air Act	<a href="http://www.statutes.legis.state.tx.us/Docs/HS/htm/HS.382.htm">http://www.statutes.legis.state.tx.us/Docs/HS/htm/HS.382.htm</a>	TCEQ	Wastewater Treatment & Solids Generation
TAC Title 30 Chapter 210	Use of Reclaimed Water	<a href="http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=210">http://info.sos.state.tx.us/pls/pub/readtac\$ext.ViewTAC?tac_view=4&amp;ti=30&amp;pt=1&amp;ch=210</a>	TCEQ	Wastewater Treatment & Solids Generation

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**Regulations Applicable to the VCWRF Biosolids Value Chain– EMS Element 4.0**

<b>Regulation</b>	<b>Description</b>	<b>Location</b>	<b>Governing Agency</b>	<b>Area(s) of Influence within Biosolids Value Chain</b>
<b><i>Local Regulations</i></b>				
City of Fort Worth Code of Ordinances Part II, Chapter 12.5 Article VI	Environmental Protection and Compliance-Industrial Wastewater	<a href="http://www.amlegal.com/nxt/gateway.dll/Texas/fortworth_tx/cityoffortworthtexascodeofordinances?fn=default.htm\$3.0\$vid=amlegal:fortworth_tx">http://www.amlegal.com/nxt/gateway.dll/Texas/fortworth_tx/cityoffortworthtexascodeofordinances?fn=default.htm\$3.0\$vid=amlegal:fortworth_tx</a>	City of Fort Worth Environmental Department, Water Department	Pretreatment & Collection
<b><i>Other Requirements</i></b>				
Special Contract Documents	Contracts between the City and Private Contractors to perform designated operations within the Biosolids Value Chain	City of Fort Worth Water Department; VCWRF	City of Fort Worth Water Department, Environmental Department	<ul style="list-style-type: none"> <li>• Biosolids Use and Disposal Alternatives - Agricultural Land Application</li> <li>• Solids Stabilization, Conditioning &amp; Handling</li> </ul>